L Number	Hits	Search Text	DB	Time stamp
-	22684	(epdermolysis adj bullosa) or eb	USPAT; US-PGPUB	2004/01/16 12:16
-	1174	epidermolysis adj bullosa	USPAT; US-PGPUB	2004/01/16 12:15
-	53	(epidermolysis adj bullosa) same diagnos$	USPAT; US-PGPUB	2004/01/16 12:15
-	11	((epidermolysis adj bullosa) same diagnos$) same mutat$	USPAT; US-PGPUB	2004/01/16 12:16

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FILE 'HOME' ENTERED AT 14:22:36 ON 16 JAN 2004

=> index biosci -uspatfull -uspat2
FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED
COST IN U.S. DOLLARS                        SINCE FILE      TOTAL
                                               ENTRY    SESSION
FULL ESTIMATED COST                             0.21       0.21

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS,
      BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT,
      CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DISSABS, DDFB, DDFU,
      DGENE, DRUGB, DRUGMONOG2, ...' ENTERED AT 14:22:55 ON 16 JAN 2004

66 FILES IN THE FILE LIST IN STNINDEX

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=> s epidermolysis (w) bullosa
         15   FILE ADISCTI
          5   FILE ADISINSIGHT
          7   FILE ADISNEWS
         14   FILE AGRICOLA
          1   FILE ANABSTR
         15   FILE BIOBUSINESS
         16   FILE BIOCOMMERCE
       2464   FILE BIOSIS
         54   FILE BIOTECHABS
         54   FILE BIOTECHDS
        623   FILE BIOTECHNO
         59   FILE CABA
        283   FILE CANCERLIT
        760   FILE CAPLUS
          1   FILE CEABA-VTB
          9   FILE CIN
         71   FILE CONFSCI
         14   FILE DISSABS
         90   FILE DDFB
        157   FILE DDFU
       1244   FILE DGENE
         90   FILE DRUGB
          2   FILE IMSDRUGNEWS
        169   FILE DRUGU
          2   FILE IMSRESEARCH
         21   FILE EMBAL
       2548   FILE EMBASE
        570   FILE ESBIOBASE
         22   FILE FEDRIP
        141   FILE GENBANK
        173   FILE IFIPAT
        354   FILE JICST-EPLUS
         10   FILE KOSMET
        192   FILE LIFESCI
          7   FILE MEDICONF
       2971   FILE MEDLINE
          3   FILE NIOSHTIC
          6   FILE NTIS
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       1356   FILE PASCAL
          7   FILE PHAR
          2   FILE PHARMAML
         25   FILE PHIN
        206   FILE PROMT
          1   FILE RDISCLOSURE
       3291   FILE SCISEARCH
        488   FILE TOXCENTER
          1   FILE VETB
          4   FILE VETU
        366   FILE WPIDS
        366   FILE WPINDEX

  50 FILES HAVE ONE OR MORE ANSWERS,   66 FILES SEARCHED IN STNINDEX

L1   QUE EPIDERMOLYSIS (W) BULLOSA

=> s l1 and diagnos? and mutat?
          1   FILE BIOBUSINESS
         98   FILE BIOSIS
         16   FILE BIOTECHABS
         16   FILE BIOTECHDS
         62   FILE BIOTECHNO
         18   FILE CANCERLIT
         63   FILE CAPLUS
          3   FILE DISSABS
         99   FILE DGENE
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          1   FILE DRUGU
        196   FILE EMBASE
         86   FILE ESBIOBASE
          1   FILE FEDRIP
  38 FILES SEARCHED...
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         18   FILE JICST-EPLUS
          7   FILE LIFESCI
        106   FILE MEDLINE
         55   FILE PASCAL
         19   FILE PROMT
        175   FILE SCISEARCH
         34   FILE TOXCENTER
         11   FILE WPIDS
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         11   FILE WPINDEX

  23 FILES HAVE ONE OR MORE ANSWERS,   66 FILES SEARCHED IN STNINDEX

L2   QUE L1 AND DIAGNOS? AND MUTAT?

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                                                   ENTRY    SESSION
FULL ESTIMATED COST                                 1.71       1.92

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FILE 'DGENE' ENTERED AT 14:24:52 ON 16 JAN 2004
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FILE 'FEDRIP' ENTERED AT 14:24:52 ON 16 JAN 2004

=> s l2
   6 FILES SEARCHED...
  18 FILES SEARCHED...
L3         1073 L2

=> dup rem l3
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ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING IS APPROXIMATELY  94% COMPLETE FOR L3
PROCESSING COMPLETED FOR L3
L4          535 DUP REM L3 (538 DUPLICATES REMOVED)

=> s l4 and (horse or equine)
L5           35 L4 AND (HORSE OR EQUINE)

=> s l5 and 1368
L6            1 L5 AND 1368

=> d l6 bib

L6   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2004 ACS on STN
AN   2003:590685  CAPLUS
DN   139:112800
```

TI Protein and cDNA sequences of ***horse*** laminin .gamma.2 gene and its use in ***diagnostic*** junctional ***epidermolysis*** ***bullosa***
IN Baird, John; Linder, Keith; Meneguzzi, Guerrino; Spirito, Flavia; Charlesworth, Alexandra
PA Can.
SO U.S. Pat. Appl. Publ., 34 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003143545	A1	20030731	US 2002-53662	20020124
PRAI	US 2002-53662		20020124		

=> d l5 trial 1-6

L5 ANSWER 1 OF 35 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN
TI Animal models for skin blistering conditions: Absence of laminin 5 causes hereditary junctional mechanobullous disease in the Belgian ***horse***.
CT Medical Descriptors:
****bullous skin disease: DI, diagnosis***
****epidermolysis bullosa hereditaria: DI, diagnosis***
horse
clinical feature
immunofluorescence
protein expression
nucleotide sequence
sequence analysis
DNA isolation
reverse transcription polymerase chain reaction
RNA purification
base pairing
gene insertion
gene mutation
stop codon
prediction
disease severity
amino acid sequence
protein structure
correlation analysis
recessive inheritance
nonhuman
animal experiment
animal model
controlled study
animal tissue
animal cell
article
priority journal
Drug Descriptors:
*kalinin: EC, endogenous compound
protein: EC, endogenous compound
protein Lamc2: EC, endogenous compound
complementary DNA
unclassified drug
RN (protein) 67254-75-5
GEN GENBANK Z15008 referred number; GENBANK AY082802 referred number; GENBANK NM008485 referred number

L5 ANSWER 2 OF 35 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2003:255257 SCISEARCH
GA The Genuine Article (R) Number: 654YK
TI A ***mutation*** in the LAMC2 gene causes the Herlitz junctional ***epidermolysis*** ***bullosa*** (H-JEB) in two French draft ***horse*** breeds
REC Reference Count: 22
CC AGRICULTURE, DAIRY & ANIMAL SCIENCE; GENETICS & HEREDITY
ST Author Keywords: ***horse*** ; LAMC2; ***epidermolysis*** ***bullosa*** ; laminin 5
STP KeyWords Plus (R): MECHANOBULLOUS DISEASE; CLASSIFICATION; ***DIAGNOSIS*** ; POSITION
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L5 ANSWER 3 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74120 protein DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
DESC Human laminin gamma-2 polypeptide.
KW Human; laminin gamma-2; junctional ***epidermolysis*** ***bullosa*** ; JEB.
SQL 1193

L5 ANSWER 4 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74091 protein DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
DESC ***Equine*** laminin gamma-2 polypeptide.
KW ***Horse*** ; laminin gamma-2; junctional ***epidermolysis*** ***bullosa*** ; JEB.
SQL 1190

L5 ANSWER 5 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74121 protein DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
DESC Murine laminin gamma-2 polypeptide.
KW Mouse; laminin gamma-2; junctional ***epidermolysis*** ***bullosa*** ; JEB.
SQL 1192

L5 ANSWER 6 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74119 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
DESC ***Equine*** laminin gamma-2 cDNA PCR primer #28.

KW ***Horse*** ; PCR; ss; laminin gamma-2; junctional ***epidermolysis*** ***bullosa*** ; JEB; primer.
SQL 19

=> d his

(FILE 'HOME' ENTERED AT 14:22:36 ON 16 JAN 2004)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DISSABS, DDFB, DDFU, DGENE, DRUGB, DRUGMONOG2, ...' ENTERED AT 14:22:55 ON 16 JAN 2004

SEA EPIDERMOLYSIS (W) BULLOSA

L1 QUE EPIDERMOLYSIS (W) BULLOSA

SEA L1 AND DIAGNOS? AND MUTAT?

L2 QUE L1 AND DIAGNOS? AND MUTAT?

FILE 'EMBASE, SCISEARCH, MEDLINE, DGENE, BIOSIS, ESBIOBASE, CAPLUS, BIOTECHNO, PASCAL, TOXCENTER, PROMT, CANCERLIT, JICST-EPLUS, BIOTECHDS, WPIDS, LIFESCI, IFIPAT, DISSABS, BIOBUSINESS, DRUGU, FEDRIP' ENTERED AT 14:24:52 ON 16 JAN 2004

L3 1073 S L2
L4 535 DUP REM L3 (538 DUPLICATES REMOVED)
L5 35 S L4 AND (HORSE OR EQUINE)
L6 1 S L5 AND 1368

=> d l5 bib ab 1-35

L5 ANSWER 1 OF 35 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN
AN 2002346631 EMBASE
TI Animal models for skin blistering conditions: Absence of laminin 5 causes hereditary junctional mechanobullous disease in the Belgian ***horse*** .
AU Spirito F.; Charlesworth A.; Linder K.; Ortonne J.-P.; Baird J.; Meneguzzi G.
CS G. Meneguzzi, INSERM U385, UFR de Medecine, Avenue de Valombrose, 06107 Nice Cedex 2, France. meneguzz@unice.fr
SO Journal of Investigative Dermatology, (2002) 119/3 (684-691).
Refs: 52
ISSN: 0022-202X CODEN: JIDEAE
CY United States
DT Journal; Article
FS 013 Dermatology and Venereology
029 Clinical Biochemistry
LA English
SL English
AB Recent achievements in the genetic correction of keratinocytes isolated from patients with junctional ***epidermolysis*** ***bullosa*** have paved the way to a gene therapy approach for the disease. Because gene therapy protocols require preclinical validation in animals, we have characterized spontaneous animal models of junctional ***epidermolysis*** ***bullosa*** . In this study we have elucidated the genetic basis of the hereditary junctional mechanobullous disease in the Belgian ***horse*** , a condition characterized by blistering of the skin and mouth epithelia, and exungulation (loss of the hoof). Immunofluorescence analysis associated the condition to the absent expression of the .gamma.2 chain of laminin 5 and designated Lamc2 as the candidate gene. Comparative analysis of the nucleotide sequence of the full-length .gamma.2 cDNA isolated by reverse transcription polymerase chain reaction amplification of total RNA purified from the epithelium of a junctional ***epidermolysis*** ***bullosa*** foal and a healthy control disclosed a homozygous basepair insertion (1368insC) in the affected animal. ***Mutation*** 1368insC results in a downstream premature termination codon and is predicted to cause absent expression of the laminin .gamma.2 polypeptide. Our results also show that: (i) the ***horse*** junctional ***epidermolysis*** ***bullosa*** genetically corresponds to the severe Herlitz form of junctional ***epidermolysis*** ***bullosa*** in man; (ii) the amino acid sequence and structure of the ***horse*** laminin .gamma.2 chain are virtually identical to the human counterpart; (iii) the moderate eruption of skin blisters in the affected animals with respect to the human Herlitz junctional ***epidermolysis*** ***bullosa*** patients correlates with the protection provided by hair. Our observations suggest that the affected foals are a convenient source of epithelial cells from tissues that cannot be obtained from human junctional ***epidermolysis*** ***bullosa*** patients, and imply that hairless strains of animals with recessive skin disorders would be the best models for in vivo gene therapy approaches to skin blistering diseases.

L5 ANSWER 2 OF 35 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2003:255257 SCISEARCH
GA The Genuine Article (R) Number: 654YK
TI A ***mutation*** in the LAMC2 gene causes the Herlitz junctional ***epidermolysis*** ***bullosa*** (H-JEB) in two French draft ***horse*** breeds
AU Milenkovic D; Chaffaux S; Taourit S; Guerin G (Reprint)
CS INRA, Ctr Rech Jouy, Dept Genet Anim, Lab Genet Biochim & Cytogenet, F-78352 Jouy En Josas, France (Reprint)
CYA France
SO GENETICS SELECTION EVOLUTION, (MAR-APR 2003) Vol. 35, No. 2, pp. 249-256. Publisher: E D P SCIENCES, 7, AVE DU HOGGAR, PARC D ACTIVITES COURTABOEUF, BP 112, F-91944 LES ULIS CEDEXA, FRANCE.
ISSN: 0999-193X.
DT Article; Journal
LA English
REC Reference Count: 22
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS
AB ***Epidermolysis*** ***bullosa*** (EB) is a heterogeneous group of inherited diseases characterised by skin blistering and fragility. In humans, one of the most severe forms of EB known as Herlitz-junctional EB (H-JEB), is caused by ***mutations*** in the laminin 5 genes. EB has been described in several species, like cattle, sheep, dogs, cats and horses where the ***mutation*** , a cytosine insertion in exon 10 of

the LAMC2 gene, was very recently identified in Belgian horses as the ***mutation*** responsible for JEB. In this study, the same ***mutation*** was found to be totally associated with the JEB phenotype in two French draft ***horse*** breeds, Trait Breton and Trait Comtois. This result provides breeders a molecular test to better manage their breeding strategies by genetic counselling.

L5 ANSWER 3 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74120 protein DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC Human laminin gamma-2 polypeptide.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents the human laminin gamma-2 polypeptide.

L5 ANSWER 4 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74091 protein DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
CR N-PSDB: ADA74090
DESC ***Equine*** laminin gamma-2 polypeptide.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents the ***equine*** laminin gamma-2 polypeptide.

L5 ANSWER 5 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74121 protein DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC Murine laminin gamma-2 polypeptide.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents the murine laminin gamma-2 polypeptide.

L5 ANSWER 6 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74119 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC ***Equine*** laminin gamma-2 cDNA PCR primer #28.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 7 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74106 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC ***Equine*** laminin gamma-2 cDNA PCR primer #15.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 8 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74105 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC ***Equine*** laminin gamma-2 cDNA PCR primer #14.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 9 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74094 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.

(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.

PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC ***Equine*** laminin gamma-2 cDNA PCR primer #3.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 10 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74090 cDNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.

PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
CR P-PSDB: ADA74091
DESC ***Equine*** laminin gamma-2 cDNA.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 11 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74117 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.

PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC ***Equine*** laminin gamma-2 cDNA PCR primer #26.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 12 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74114 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.

PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]

DESC ***Equine*** laminin gamma-2 cDNA PCR primer #23.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 13 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74113 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC ***Equine*** laminin gamma-2 cDNA PCR primer #22.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 14 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74108 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC ***Equine*** laminin gamma-2 cDNA PCR primer #17.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 15 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74115 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC ***Equine*** laminin gamma-2 cDNA PCR primer #24.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated***

nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 16 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74112 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC ***Equine*** laminin gamma-2 cDNA PCR primer #21.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 17 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74107 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC ***Equine*** laminin gamma-2 cDNA PCR primer #16.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 18 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74099 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC ***Equine*** laminin gamma-2 cDNA PCR primer #8.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 19 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74096 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC ***Equine*** laminin gamma-2 cDNA PCR primer #5.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 20 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74093 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC ***Equine*** laminin gamma-2 cDNA PCR primer #2.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 21 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74116 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC ***Equine*** laminin gamma-2 cDNA PCR primer #25.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 22 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74100 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.

(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.

PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC ***Equine*** laminin gamma-2 cDNA PCR primer #9.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 23 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74098 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC ***Equine*** laminin gamma-2 cDNA PCR primer #7.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 24 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74111 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC ***Equine*** laminin gamma-2 cDNA PCR primer #20.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 25 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74110 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC ***Equine*** laminin gamma-2 cDNA PCR primer #19.

AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 26 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74109 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC ***Equine*** laminin gamma-2 cDNA PCR primer #18.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 27 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74104 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC ***Equine*** laminin gamma-2 cDNA PCR primer #13.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 28 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74118 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC ***Equine*** laminin gamma-2 cDNA PCR primer #27.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of

epidermolysis ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 29 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74097 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC ***Equine*** laminin gamma-2 cDNA PCR primer #6.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 30 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74095 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC ***Equine*** laminin gamma-2 cDNA PCR primer #4.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 31 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74102 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC ***Equine*** laminin gamma-2 cDNA PCR primer #11.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 32 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN ADA74101 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC ***Equine*** laminin gamma-2 cDNA PCR primer #10.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 33 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74092 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC ***Equine*** laminin gamma-2 cDNA PCR primer #1.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 34 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA74103 DNA DGENE
TI New isolated ***equine*** laminin gamma 2 polypeptide and encoding polynucleotide, useful for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses.
IN Baird J; Linder K; Meneguzzi G; Spirito F; Charlesworth A
PA (BAIR-I) BAIRD J.
(LIND-I) LINDER K.
(MENE-I) MENEGUZZI G.
(SPIR-I) SPIRITO F.
(CHAR-I) CHARLESWORTH A.
PI US 2003143545 A1 20030731 34p
AI US 2002-53662 20020124
PRAI US 2002-53662 20020124
DT Patent
LA English
OS 2003-626651 [59]
DESC ***Equine*** laminin gamma-2 cDNA PCR primer #12.
AB The invention relates to the ***equine*** laminin gamma-2 polypeptide and the polynucleotide encoding it. The invention also relates to a method for ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** (JEB) in a ***horse*** , comprising obtaining a biological sample from the ***horse*** , isolating DNA and amplifying the DNA encoding laminin gamma-2 using appropriate primers and analysing the amplified nucleic acid to identify the presence of a ***mutation*** , where the homozygous presence of the ***mutated*** nucleic acid encoding laminin gamma-2 indicates the presence of ***epidermolysis*** ***bullosa*** . Alternatively, the protein component from the sample can be isolated and screened for laminin gamma-2, where the absence of laminin gamma-2 polypeptide indicates the presence of JEB. The laminin gamma-2 nucleic acids, proteins and antibodies against the proteins are useful for ***diagnosing*** JEB in horses. This sequence represents a PCR primer used to amplify cDNA encoding ***equine*** laminin gamma-2.

L5 ANSWER 35 OF 35 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:590685 CAPLUS
DN 139:112800
TI Protein and cDNA sequences of ***horse*** laminin .gamma.2 gene and its use in ***diagnostic*** junctional ***epidermolysis*** ***bullosa***
IN Baird, John; Linder, Keith; Meneguzzi, Guerrino; Spirito, Flavia; Charlesworth, Alexandra
PA Can.
SO U.S. Pat. Appl. Publ., 34 pp.

CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2003143545	A1	20030731	US 2002-53662	20020124
PRAI US 2002-53662		20020124		

AB The invention provides protein and cDNA sequences of ***horse*** laminin .gamma.2 gene. A method of ***diagnosing*** junctional ***epidermolysis*** ***bullosa*** in horses is also provided based on the detn. that a ***mutation*** in the laminin .gamma.2 gene in which a cytosine is inserted at position 1368 is assocd. with the disease.

=> d his

(FILE 'HOME' ENTERED AT 14:22:36 ON 16 JAN 2004)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DISSABS, DDFB, DDFU, DGENE, DRUGB, DRUGMONOG2, ...' ENTERED AT 14:22:55 ON 16 JAN 2004

SEA EPIDERMOLYSIS (W) BULLOSA

L1 QUE EPIDERMOLYSIS (W) BULLOSA

SEA L1 AND DIAGNOS? AND MUTAT?

L2 QUE L1 AND DIAGNOS? AND MUTAT?

FILE 'EMBASE, SCISEARCH, MEDLINE, DGENE, BIOSIS, ESBIOBASE, CAPLUS, BIOTECHNO, PASCAL, TOXCENTER, PROMT, CANCERLIT, JICST-EPLUS, BIOTECHDS, WPIDS, LIFESCI, IFIPAT, DISSABS, BIOBUSINESS, DRUGU, FEDRIP' ENTERED AT 14:24:52 ON 16 JAN 2004

L3 1073 S L2
L4 535 DUP REM L3 (538 DUPLICATES REMOVED)
L5 35 S L4 AND (HORSE OR EQUINE)
L6 1 S L5 AND 1368

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	204.68	206.60

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.69	-0.69

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 14:29:04 ON 16 JAN 2004